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Art Unit 2621
Serial No. 10/002,388Reply to Office Action of: July 31, 2006
Attorney Docket No.: K35A1001**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-9. (canceled)

10. (currently amended) An audio/video (A/V) system for storing A/V programs, comprising:

an interface configured to receive a transport stream structured in packets and representing a plurality of A/V programs, each A/V program represented by a plurality of packets and identified by program identification data in each packet;

a storage management system connected to receive the transport stream from the interface and to detect the program identification data of each received packet, wherein the storage management system includes a plurality of filters, each filter assigned to a buffer channel and configured to detect data comprised in packets having program identification data related to a single A/V program, each buffer channel connecting the filter to one of the buffer portions;

a buffer coupled to the storage management system and having a plurality of separate buffer portions, each buffer portion being in communication with the storage management system to receive data of packets having program identification data related to a single A/V program within the transport stream and to store the data of the packets separate from data of packets having program identification data related to different A/V programs within the transport stream; and

a storage medium coupled to the storage management system and having a plurality of separate storage files for the A/V programs, each storage file receiving data of the packets having program identification data related to a single A/V program and transferred from one of the separate buffer portions of the buffer.

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11. (original) The system of Claim 10, wherein the A/V program includes at least one of a video program, an audio program and data content.
12. (original) The system of Claim 10, wherein the interface is configured to operate in accordance with the IEEE-1394 specification.
13. (original) The system of Claim 10, wherein the storage medium is a hard disk drive.
14. (original) The system of Claim 13, wherein the storage management system controls the hard disk drive to selectively overwrite or delete one or more storage files.
15. (canceled)
16. (previously presented) An audio/video (A/V) system for storing A/V programs, comprising:
 - an interface configured to receive a transport stream structured in packets and representing a plurality of A/V programs, each A/V program represented by a plurality of packets and identified by program identification data in each packet;
 - a storage management system connected to receive the transport stream from the interface and to detect the program identification data of each received packet, wherein the storage management system includes a plurality of filters, each filter assigned to a buffer channel and configured to detect data comprised in packets having program identification data related to a single A/V program, each buffer channel connecting the filter to one of the buffer portions;
 - a buffer coupled to the storage management system and having a plurality of separate buffer portions, each buffer portion being in communication with the storage management system to receive data of packets having program identification data related to a single A/V program and to store the data of the

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packets separate from data of packets having program identification data related to different A/V programs; and

a storage medium coupled to the storage management system and having a plurality of separate storage files for the A/V programs, each storage file receiving data of the packets having program identification data related to a single A/V program and transferred from one of the separate buffer portions of the buffer.